



AMENDMENT

RECEIVED
JUL 03 2003
TC 1700

IN THE SPECIFICATION:

Please add the following abstract. A copy of the abstract is provided herewith on a separate sheet.

A method for measuring flow speed of a liquid molten metal in an ingot mould equipped with a sliding field electromagnetic brake, consisting of measuring the voltage or the current of at least one power source for the electromagnetic brake and extracting the flow speed from this measurement.

IN THE CLAIMS:

Please amend claims 1-8 without prejudice.

A marked up version of the revised claims, showing insertions and deletions, is included in Appendix attached hereto.

Please rewrite the pending claims as follows:

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- B1 1. (Amended) A method for measuring the flow speed of a liquid molten metal in an ingot mould equipped with a sliding field electromagnetic brake, comprising:
- supplying the electromagnetic brake with electrical power from at least one constant power source, wherein one of current and voltage of the constant power source's output is held constant;
- measuring the other of the current and voltage of the constant power source; and
- extracting the flow speed of the liquid molten metal from variations in the measurement.